



Analytical Services, Inc.

Environmental and Analytical Services-Since 1994
California State Accredited Laboratory in Accordance with ELAP Certificate # 2332

Prepared for: DCOR, LLC
290 Maple Court Suite #290
Ventura, CA 93003
Attn: Jay Rao

Report Date: October 7, 2016
Laboratory Number: 162224
Project Name: PF Hillhouse Produced Water-Weekly
Sampled by: Ken Hindman

Enclosed are the analysis results for samples received October 3, 2016 with the Chain of Custody document. The sample was received in good condition, at 6°C, and it was identified and assigned the laboratory ID number listed below:

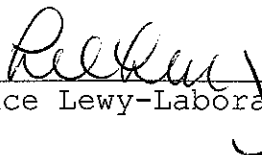
SAMPLE DESCRIPTION

CAS LAB NUMBER ID

Produced Water

162224-01

By my signature below, I certify that the results contained in this laboratory report comply with applicable standards for certification by the California Department of Public Health's Environmental Laboratories Accreditation Program (ELAP), both technically and for completeness, and that, based on my inquiry of the person or persons directly responsible for performing the analyses, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.


Lance Lewy-Laboratory Director

If you have any further questions or concerns, please contact me at your convenience. This report consists of 1 page excluding the cover letter and the Chain of Custody.

This report shall not be reproduced except in full without the written approval of CAS. The test results reported represent only the item being tested and may not represent the entire material from which the sample was taken.



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California State Accredited Laboratory in Accordance with ELAP Certificate # 2332

CERTIFICATE OF ANALYSIS

Client: DCOR, LLC (PF Hillhouse)
CAS LAB NO: 162224
Analyst: AV

Date Sampled: 10/03/16
Date Received: 10/03/16
Date Analyzed: 10/04/16
Sample Matrix: Water

OIL & GREASE ANALYSIS EPA METHOD 1664

CAS LAB #	Sample ID	RESULTS (mg/L)	DF	MDL (mg/L)	PQL (mg/L)
162224-01	Produced Water	6.0	1	1.0	5.0

QUALITY CONTROL REPORT

162224-MB	Method Blank	ND	1	1.0	5.0
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mg/L: Milligrams/Liter (ppm)
PQL: Practical Quantitation Limit
MDL: Method Detection Limit
ND: Not Detected or <MDL value
Note: MDL < J * <PQL

5 day	
Standard	X
other	

Prepared for: DCOR, LLC
290 Maple Court Suite #290
Ventura, CA 93003
Attn: Jay Rao

Report Date: October 13, 2016
Laboratory Number: 162270
Project Name: PF Hillhouse Produced Water-Weekly
Sampled by: Jeff Maser

Enclosed are the analysis results for samples received October 10, 2016 with the Chain of Custody document. The sample was received in good condition, at 8°C, and it was identified and assigned the laboratory ID number listed below:

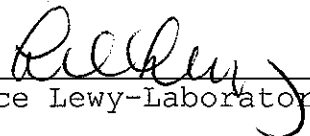
SAMPLE DESCRIPTION

CAS LAB NUMBER ID

Produced Water

162270-01

By my signature below, I certify that the results contained in this laboratory report comply with applicable standards for certification by the California Department of Public Health's Environmental Laboratories Accreditation Program (ELAP), both technically and for completeness, and that, based on my inquiry of the person or persons directly responsible for performing the analyses, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



Lance Lewy-Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: DCOR, LLC (PF Hillhouse)
CAS LAB NO: 162270
Analyst: AV

Date Sampled: 10/10/16
Date Received: 10/10/16
Date Analyzed: 10/11/16
Sample Matrix: Water

OIL & GREASE ANALYSIS EPA METHOD 1664

CAS LAB #	Sample ID	RESULTS (mg/L)	DF	MDL (mg/L)	PQL (mg/L)
162270-01	Produced Water	2.6J*	1	1.0	5.0

QUALITY CONTROL REPORT

162270-MB	Method Blank	ND	1	1.0	5.0
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mg/L: Milligrams/Liter (ppm)
PQL: Practical Quantitation Limit
MDL: Method Detection Limit
ND: Not Detected or <MDL value
Note: MDL < J* < PQL

CHAIN OF CUSTODY RECORD

Contact: Jay Rao

1

5 day	
Standard	X
other	

Prepared for: DCOR, LLC
290 Maple Court Suite #290
Ventura, CA 93003
Attn: Jay Rao

Report Date: October 21, 2016
Laboratory Number: 162309
Project Name: PF Hillhouse Produced Water-Weekly
Sampled by: David Hart

Enclosed are the analysis results for samples received October 18, 2016 with the Chain of Custody document. The sample was received in good condition, at 6°C, and it was identified and assigned the laboratory ID number listed below:

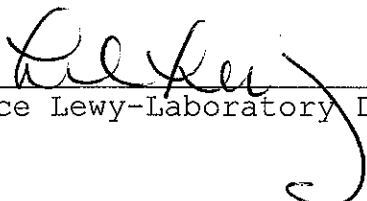
SAMPLE DESCRIPTION

CAS LAB NUMBER ID

Produced Water

162309-01

By my signature below, I certify that the results contained in this laboratory report comply with applicable standards for certification by the California Department of Public Health's Environmental Laboratories Accreditation Program (ELAP), both technically and for completeness, and that, based on my inquiry of the person or persons directly responsible for performing the analyses, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



Lance Lewy-Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: DCOR, LLC (PF Hillhouse)
CAS LAB NO: 162309
Analyst: AVDate Sampled: 10/17/16
Date Received: 10/18/16
Date Analyzed: 10/18/16
Sample Matrix: Water

OIL & GREASE ANALYSIS
EPA METHOD 1664

CAS LAB #	Sample ID	RESULTS (mg/L)	DF	MDL (mg/L)	PQL (mg/L)
162309-01	Produced Water	2.5J*	1	1.0	5.0

QUALITY CONTROL REPORT

162309-MB	Method Blank	ND	1	1.0	5.0
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mg/L: Milligrams/Liter (ppm)
PQL: Practical Quantitation Limit
MDL: Method Detection Limit
ND: Not Detected or <MDL value
Note: MDL<J*<PQL

CAPCO ANALYTICAL

SERVICES

1536 Eastman Avenue
Ventura, CA 93003
(805) 644-1095 Fax 644-9947

CHAIN OF CUSTODY RECORD

REPORT:

Fax
Company
Address

(805) 535-2075

DCOR, LLC.

290 Maple Court, Suite 290
Ventura CA, 93003

BILL TO:

P.O. #
Company:
Address

DCOR, LLC.

Phone: 805 535-2078

Contact: Jay Rao

PROJ. NO.

PROJECT NAME:

Hillhouse

Produced Water- Weekly

SAMPLER'S SIGNATURE:

Print Name: DAVID HART

Date: 10/17/16 06:30

Time Sampled

Comp

Grab

Sample Description

Produced Water

Water

Soil

Sludge

Other

Matrix

Container #

1

Type

A

Analysis

Oil & Grease

Remarks

Produced Water Temp: 78°

Turbidity: 4.12 NTU

152309

Relinquished by (Signature)

Print Name: KEN HINDMAN

Date: 10-18-16

Time: 07:00

Relinquished by (Signature)

Print Name: WOOD LORRADO

Date: 10-18-16

Time: 10:50

Verified by Lead Operator (Signature)

Print Name:

Time

Turn Around time

24Hr
48Hr
72Hr

* 5 day
Standard
other

CHECK ONE BOX
Dispose samples
Return samples

Relinquished by (Signature)

Print Name: WOOD LORRADO

Date: 10-18-2016

Time: 8:00 am

Relinquished by (Signature)

Print Name:

Date:

Time:

Turn Around time

* 5 day

Standard

other

FIC



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California State Accredited Laboratory in Accordance with ELAP Certificate # 2332

Prepared for: DCOR, LLC
290 Maple Court Suite #290
Ventura, CA 93003
Attn: Jay Rao

Report Date: October 27, 2016
Laboratory Number: 162345
Project Name: PF Hillhouse Produced Water-Weekly
Sampled by: Mark Hicks

Enclosed are the analysis results for samples received October 24, 2016 with the Chain of Custody document. The sample was received in good condition, at 8°C, and it was identified and assigned the laboratory ID number listed below:

SAMPLE DESCRIPTION

CAS LAB NUMBER ID

Produced Water

162345-01

By my signature below, I certify that the results contained in this laboratory report comply with applicable standards for certification by the California Department of Public Health's Environmental Laboratories Accreditation Program (ELAP), both technically and for completeness, and that, based on my inquiry of the person or persons directly responsible for performing the analyses, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Lance Lewy-Laboratory Director

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California State Accredited Laboratory in Accordance with ELAP Certificate # 2332

CERTIFICATE OF ANALYSIS

Client: DCOR, LLC (PF Hillhouse)
CAS LAB NO: 162345
Analyst: AV

Date Sampled: 10/24/16
Date Received: 10/24/16
Date Analyzed: 10/25/16
Sample Matrix: Water

OIL & GREASE ANALYSIS EPA METHOD 1664

CAS LAB #	Sample ID	RESULTS (mg/L)	DF	MDL (mg/L)	PQL (mg/L)
162345-01	Produced Water	2.3J*	1	1.0	5.0

QUALITY CONTROL REPORT

162345-MB	Method Blank	ND	1	1.0	5.0
-----------	--------------	----	---	-----	-----

mg/L: Milligrams/Liter(ppm)
PQL: Practical Quantitation Limit
MDL: Method Detection Limit
ND: Not Detected or <MDL value
Note: MDL<J*<PQL

CAPCO ANALYTICAL

SERVICES

1536 Eastman Avenue
Ventura, CA 93003
(805) 644-1095 Fax 644-9947
CHAIN OF CUSTODY RECORD

REPORT:

Fax (805) 535-2075
Company DCOR, LLC.
Address 290 Maple Court, Suite 290
Ventura CA, 93003

BILL TO:

P.O. #
Company: DCOR, LLC.
Address

162345

PROJ. NO.

PROJECT NAME:

Hillhouse
Produced Water Weekly


CONTAINER TYPES

A=Amber Bottle, G=Glass,
P=Plastic, V=Vial, O=Other
Matrix

Analysis

Oil & Grease

10/26

SAMPLER'S SIGNATURE: 

Print Name:

Mark Hicks

Sample NO. Date Sampled Time Sampled Comp Grab

1 10/24/16 06:30 X

Sample Description

Produced Water

Water

Soil

Sludge

Other

#

1

A

Container Type

X

Remarks

Produced Water Temp: 79

Turbidity: NTU 3.78

10/26

10/26

10/26

10/26

10/26

10/26

10/26

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10/26

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10/26

Relinquished by: (Signature)

10-24-16

Received by: (Signature)

Print Name:

Time

0700

Received by: (Signature)

Print Name:

Time

10/24/16

Received by: (Signature)

Print Name:

Time

8:00

Received by: (Signature)

Print Name:

Time

10/24/16

Received by: (Signature)

Print Name:

Time

10/24/16

Received by: (Signature)

Print Name:

Time

10/24/16

Received by: (Signature)

Print Name:

Time

10/24/16

Received by: (Signature)

Print Name:

Time

Relinquished by: (Signature)

10-24-16

Received by: (Signature)

Print Name:

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0700

Received by: (Signature)

Print Name:

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10-24-16

Received by: (Signature)

Print Name:

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10-24-16

Received by: (Signature)

Print Name:

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0700

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10-24-16

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Received by: (Signature)

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10-24-16

Received by: (Signature)

Print Name:

Time

Relinquished by: (Signature)

10-24-16

Received by: (Signature)

Print Name:

Time

0700

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

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Received by: (Signature)

Print Name:

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Relinquished by: (Signature)

10-24-16

Received by: (Signature)

Print Name:

Time

0700

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

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Received by: (Signature)

Print Name:

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Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

Relinquished by: (Signature)

10-24-16

Received by: (Signature)

Print Name:

Time

0700

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Print Name:

Time

10-24-16

Received by: (Signature)

Prepared for: DCOR, LLC
290 Maple Court Suite #290
Ventura, CA 93003
Attn: Jay Rao

Report Date: November 2, 2016
Laboratory Number: 162391
Project Name: PF Hillhouse Produced Water-Weekly
Sampled by: Ken Hindman

Enclosed are the analysis results for samples received October 31, 2016 with the Chain of Custody document. The sample was received in good condition, at 10°C, and it was identified and assigned the laboratory ID number listed below:

SAMPLE DESCRIPTION

CAS LAB NUMBER ID

Produced Water

162391-01

By my signature below, I certify that the results contained in this laboratory report comply with applicable standards for certification by the California Department of Public Health's Environmental Laboratories Accreditation Program (ELAP), both technically and for completeness, and that, based on my inquiry of the person or persons directly responsible for performing the analyses, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



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CERTIFICATE OF ANALYSIS

Client: DCOR, LLC (PF Hillhouse)
CAS LAB NO: 162391
Analyst: AV

Date Sampled: 10/31/16
Date Received: 10/31/16
Date Analyzed: 11/01/16
Sample Matrix: Water

OIL & GREASE ANALYSIS EPA METHOD 1664

CAS LAB #	Sample ID	RESULTS (mg/L)	DF	MDL (mg/L)	PQL (mg/L)
162391-01	Produced Water	1.2J*	1	1.0	5.0

QUALITY CONTROL REPORT

162391-MB	Method Blank	ND	1	1.0	5.0
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mg/L: Milligrams/Liter (ppm)
PQL: Practical Quantitation Limit
MDL: Method Detection Limit
ND: Not Detected or <MDL value
Note: MDL<J*<PQL

CHAIN OF CUSTODY RECORD

5 day	
Standard	X
other	